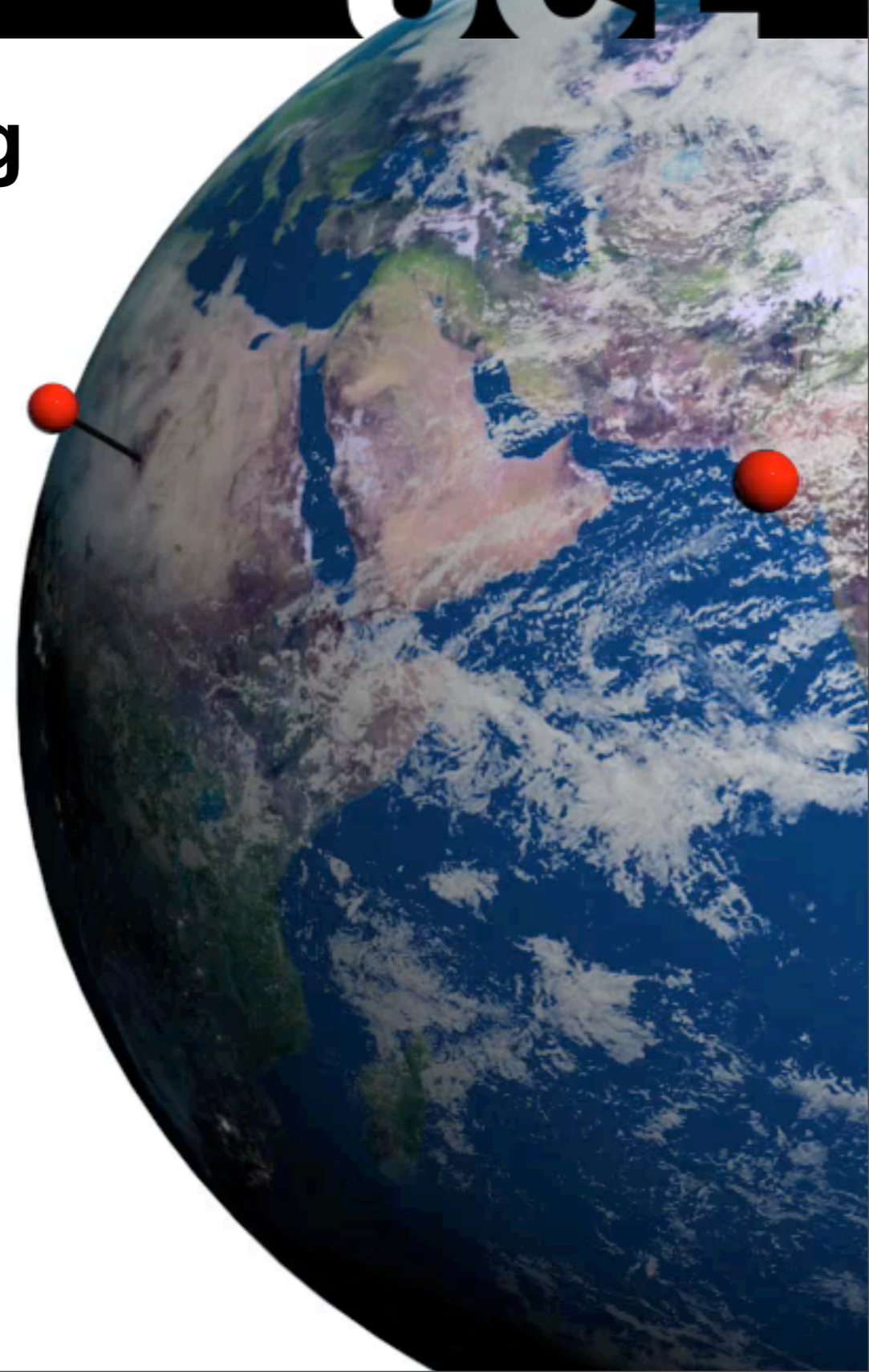


NeoGeography: Disseminating Geographic Content with Web 2.0 Technologies

Batty, M., Hudson-Smith, A., Milton, R., Dearden, J. and Crooks, A.

Centre for Advanced Spatial Analysis,
University College London

<http://www.digitalurban.blogspot.com>



Geographical Information of the Urban Environment (GeoVue)

GeoVue: One of 7 nodes of the National Centre for e-Social Science.

- Aim to Visualize Urban Environments & Geographic Data through Free or Low Cost & Easy to Use software.
- The presentation will give a overview of the GeoVue project illustrated through Google Maps, Crysis and Second Life.

Web 2.0

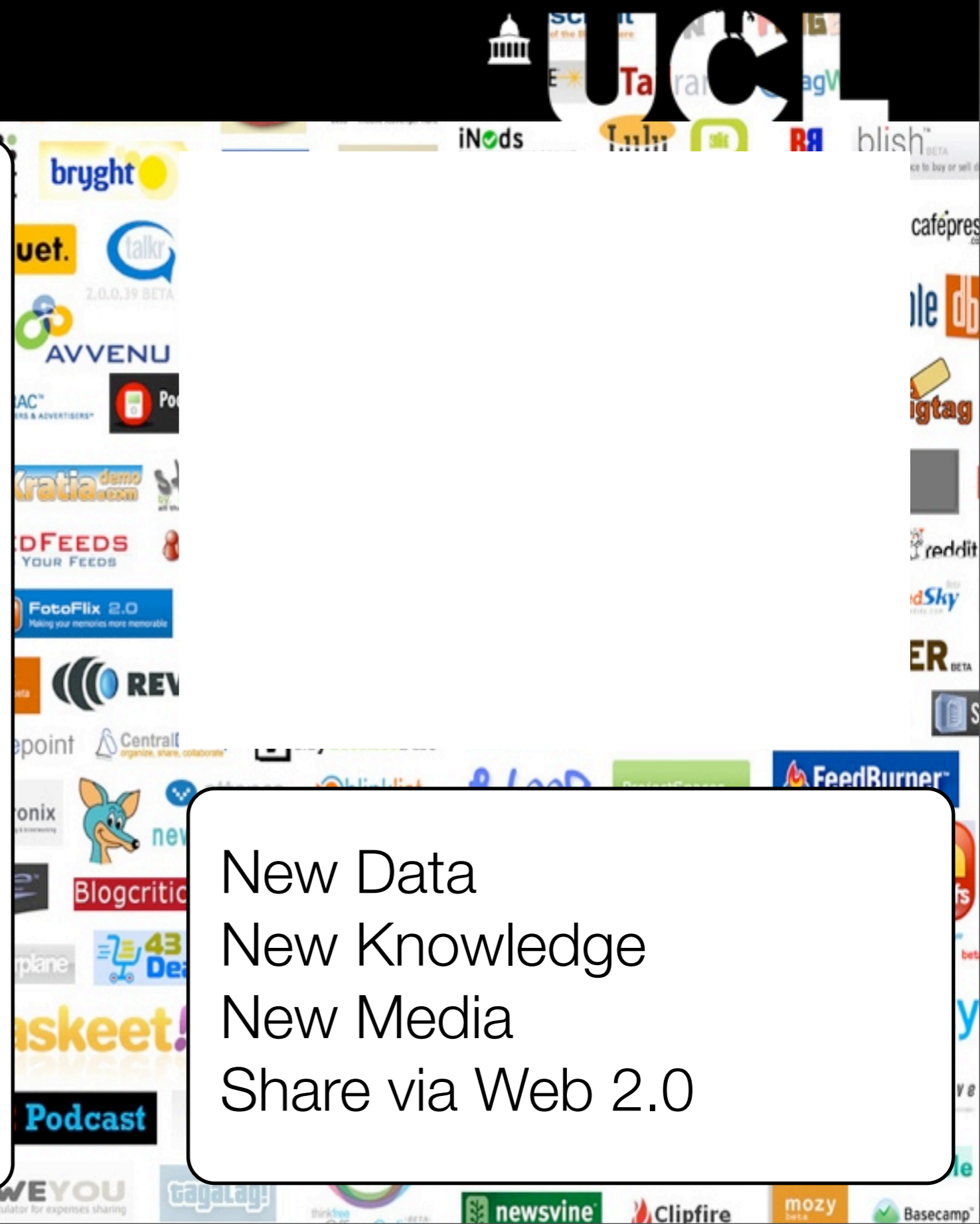
It aims to enhance creativity, information sharing, and collaboration among users.

Thousands of New Companies

Many New Buzzwords:

Neogeography, Crowd Sourcing, Wikinomics
The Cloud, Volunteered Geographic Information

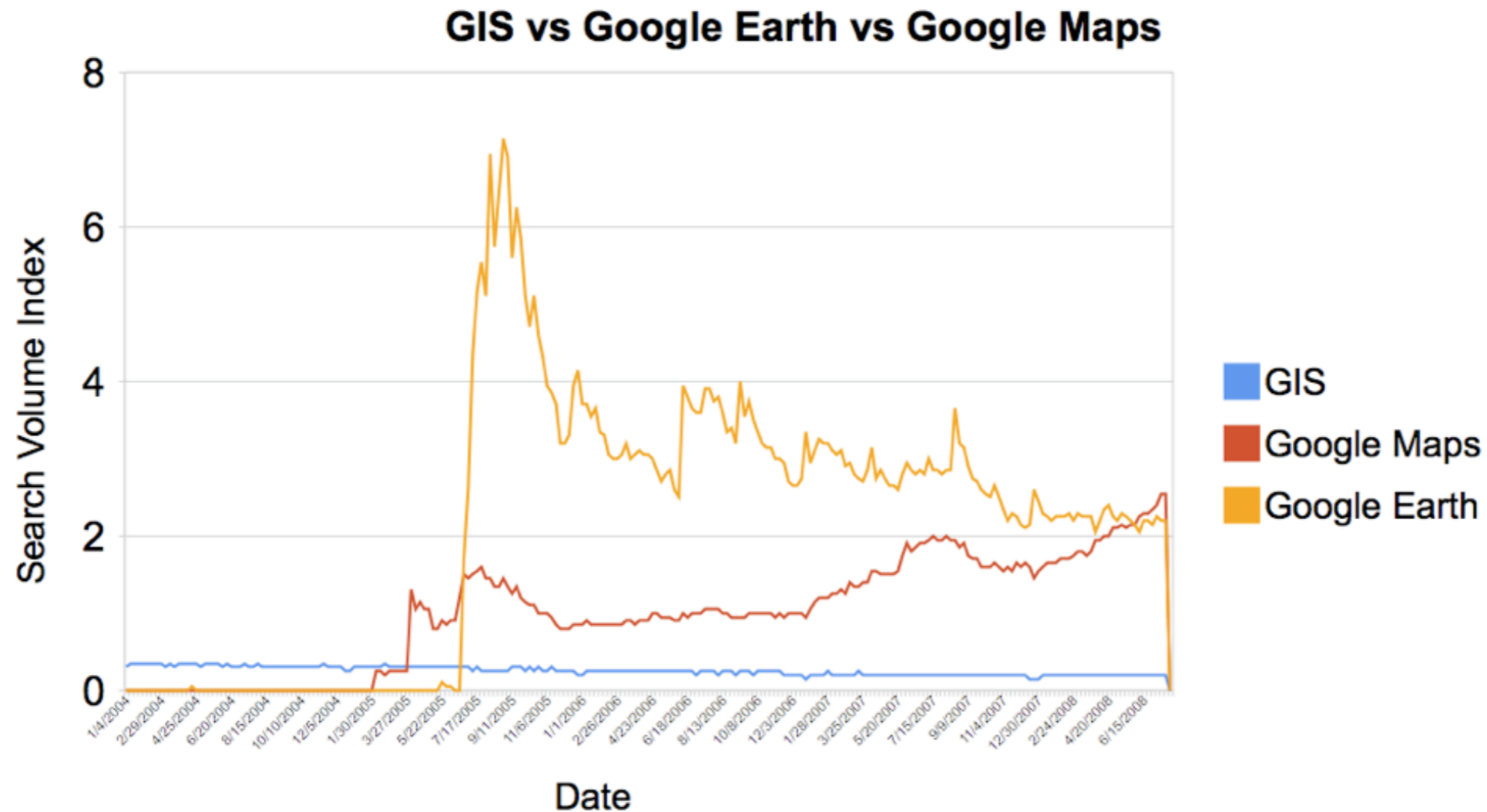
New Data
New Knowledge
New Media
Share via Web 2.0





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GOOgle™



Google Maps 2005 -changed how we explore & visualize information.

Location & space are key to we search for information.

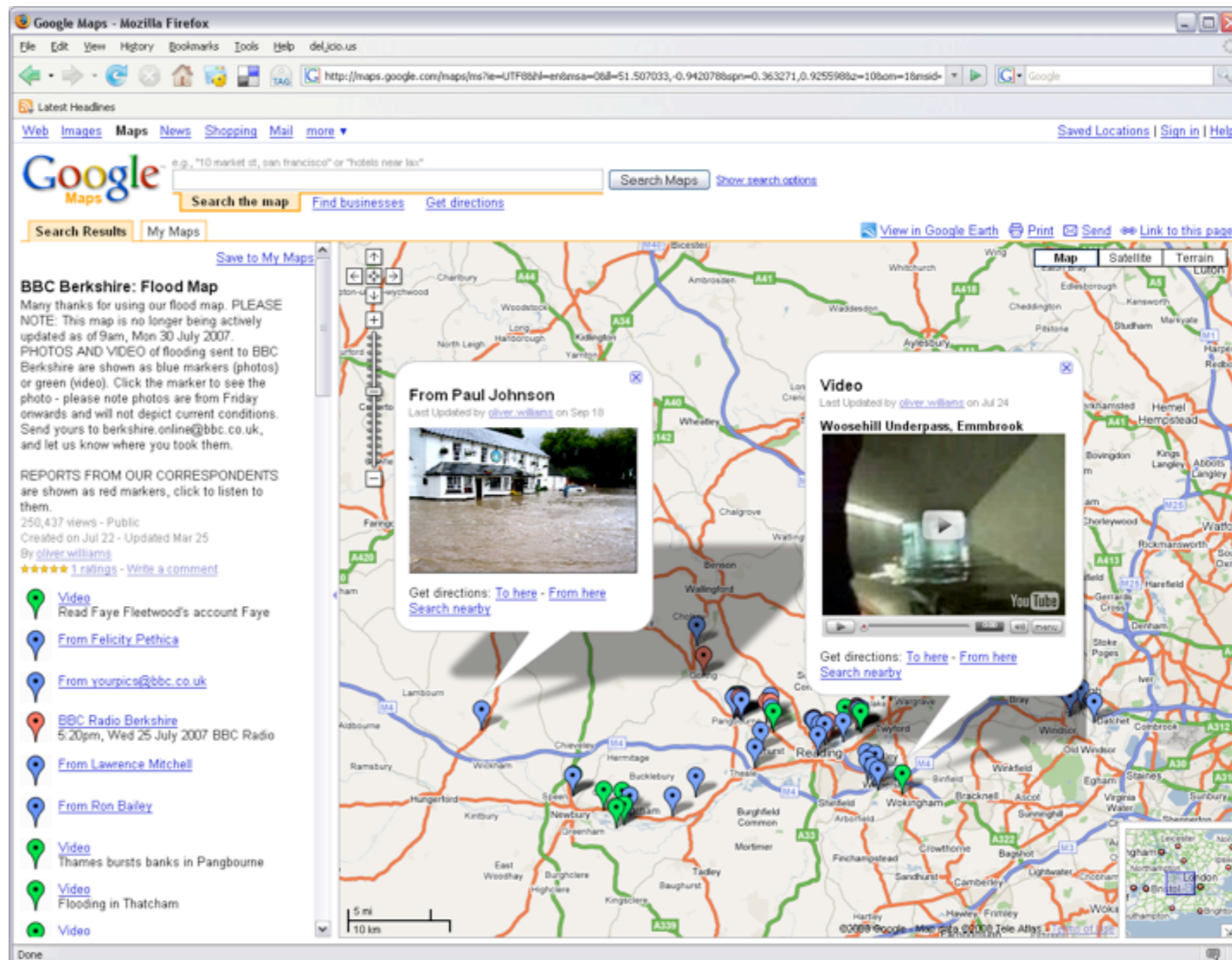
BBC Berkshire's July 2007 Flood Map

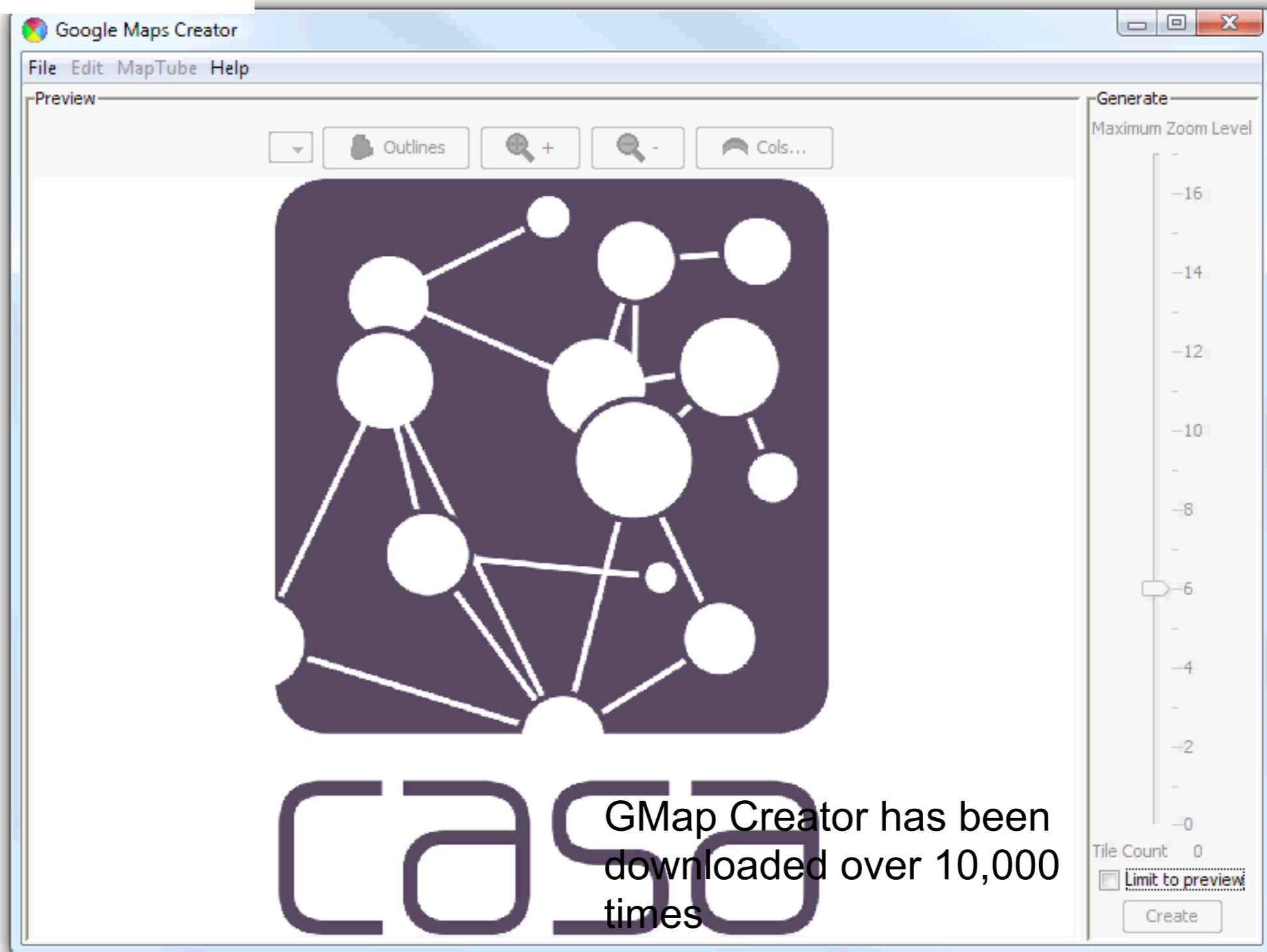
MyMaps (2007)

Allowed Everyone to Create Mashups.

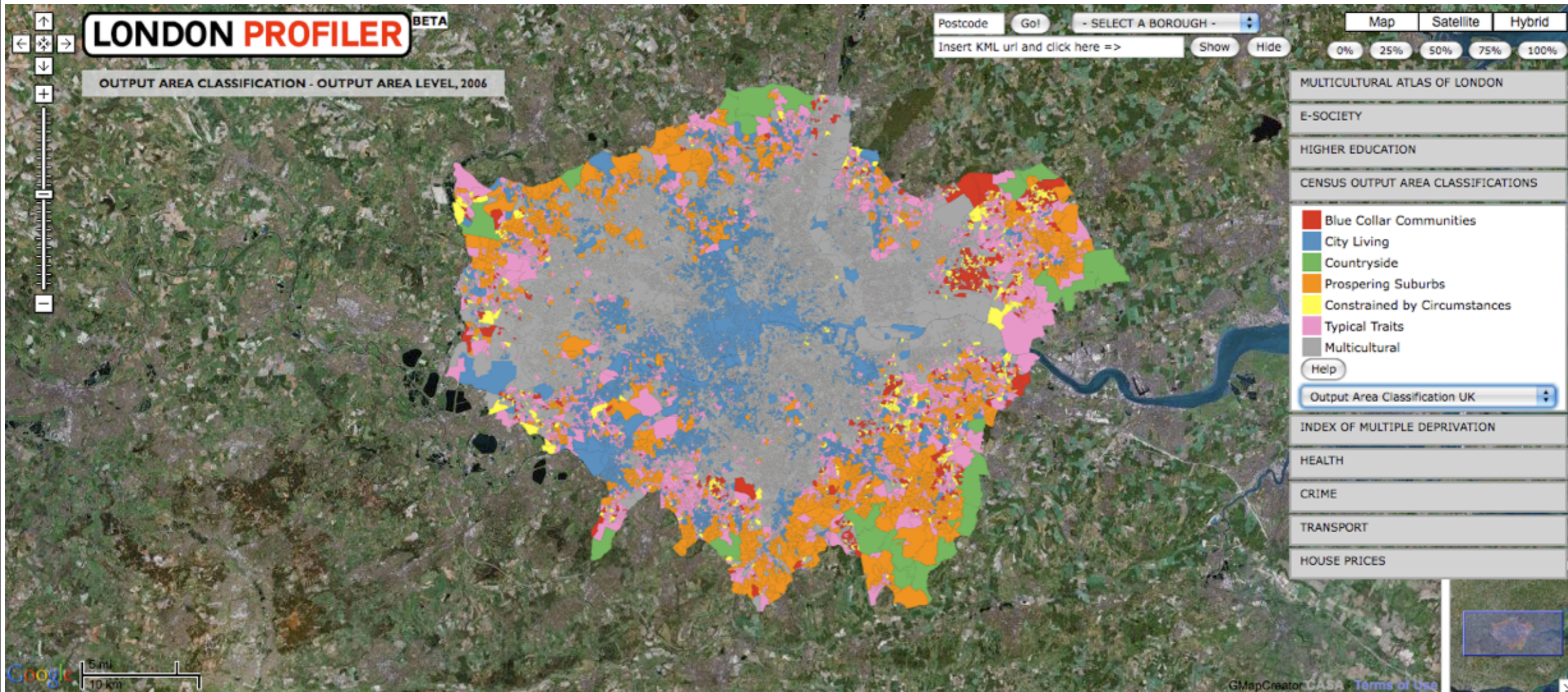
The Flood Map:

Allowed Viewers to See the Extent of Local Flooding & Gain Information.





GMap Creator has been downloaded over 10,000 times



A resource on which spatial data from a variety of public sector sources can be displayed. Facilitating online exploratory cartographic visualization.

MapTube “A Place to Put Maps”

- Based on the generic idea of YouTube where users can share information.
- Acts a portal for geographic data.
- All data is held on outside servers & pulled in using an XML file which is automatically created by GMap Creator.
- Allows users to compare and overlay different data sets.



Welcome to MapTube

MapTube is a free resource for viewing, sharing, mixing and mashing maps online. Created by UCL's Centre for Advanced Spatial Analysis, users can select any number of maps to overlay and view.

QuickStart

Click any map below to view it. To select a combination of maps, use the Search page. More information is available in the Help section.

Map of the Week

Big Mac Index

This map illustrates how the price of a Big Mac varies across the world. View the Big Mac Index here



Popular Maps

Recently Viewed

Latest Uploads

Showing records 1 to 12 of 87: ▶ ▶▶

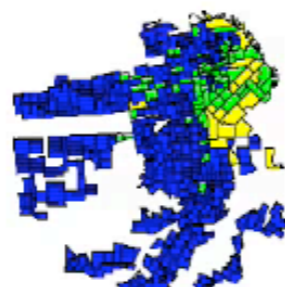


Assault using Knife or Sharp Object

Directly age standardised hospital admissions for knife attacks 2006/07

[more information](#)

Viewed 49 times

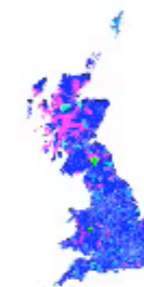


test

test

[more information](#)

Viewed 22 times



BBC Look East: Anti-social Behaviour

Mapping anti-social behaviour in the eastern counties in conjunction with BBC Look East.

[more information](#)

Viewed 914 times



Radio Four Credit Crunch: Total Respondants

Radio 4: Mapping the Credit Crunch. This map shows total number of people who responded in the Radio Four iPM Credit Crunch survey for each postcode



Radio Four Credit Crunch: Food

Radio 4: Mapping the Credit Crunch. This map shows the percentage of people who selected the "Food" category in the Radio Four iPM Credit Crunch survey.



Radio Four Credit Crunch: Fuel

Radio 4: Mapping the Credit Crunch. This map shows the percentage of people who selected the "Fuel" category in the Radio Four iPM Credit Crunch survey.



Create Map - Mozilla Firefox

File Edit View History Bookmarks Tools Help del.icio.us

http://www.maptube.org/createmap.aspx

Latest Headlines

home about login search help casa my account my maps add new

MAPTUBE
a place to put maps

Create A New Map - 5 Easy Steps

- 1 XML Settings**


Enter the url of the settings file into this box and click the "Test" button. If the details have been entered correctly, your map will appear over the Google map on the right.
- 2 Title**

Once you've tested your XML settings, the map title box should be filled in automatically. If necessary, you can change it here. [max 64 chars]
- 3 Keywords**

Enter some keywords separated by spaces that will allow you to search for this map in the future e.g. "1996 air pollution roadside london". Then the map will be found by searching for the keywords "1996", "pollution" or "london". [max 255 chars]
- 4 Description**

Enter two or three lines of text briefly describing the data; this will be displayed with search results. [max 255 chars]
- 5 Information**

Enter a page of detailed information about the data and how it was collected here. Use blank lines to separate titles and paragraphs.





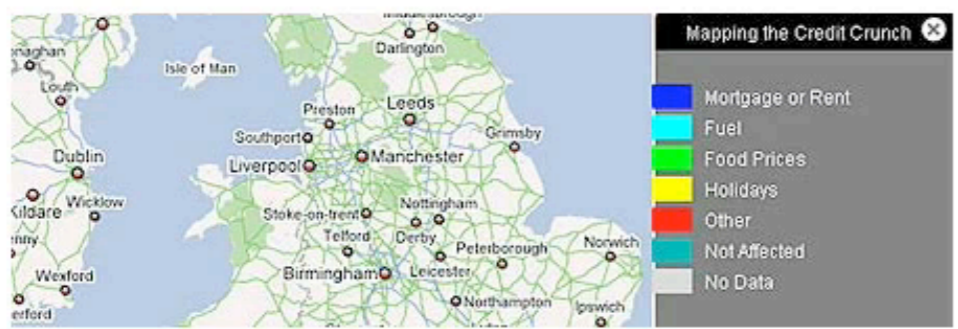
Share what you know
Podcast weekly

< PREVIOUS | MAIN | NEXT >



Mapping the credit crunch

Jennifer Tracey | 29 Apr 08, 12:53 PM



We like this idea of [crowdsourcing](#) - where we recruit you in an act of journalism to help us create a picture of an aspect of UK life.

On the blog last week we mentioned that we wanted to experiment with mood maps. We're working with [CASA \(Centre for Advanced Spatial Analysis\)](#) based at the University College London, who've developed [MapTube](#), a map-sharing website.

In a totally unscientific study that makes no claims to be anything other than a (potentially) interesting experiment, we want to create a mood map of the credit crunch. And we hope to use it to inform our journalism.

We're asking you **what single factor is hurting you most about the credit crunch?**

[Follow this link to the MapTube website to take part](#)

Already done it? [View the map as it grows](#)

UPDATE: View the [Northern Ireland map](#). Apologies not to have this sooner. We

- ⌘ What's IPM?
- ⌘ [Suggest a story](#)
- ⌘ Show notes
- ⌘ How comments work
- ⌘ The IPM team
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- 🐦 Our Twitter
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SUGGEST A STORY

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- ⌘ [Suggest a story for July 5](#)
- ⌘ [Suggest a story for June 28](#)

IN PRODUCTION

- ⌘ Health and IT
- ⌘ Sir Clive Sinclair.

Linking GMap Creator & MapTube Allows for Real-Time Spatial Surveys.

Pilot Study: Creating a Mood Map For the UK Based on the Single Most Important Factor Hurting the Person the Most about the Credit Crunch.

Over 40,000 responses.



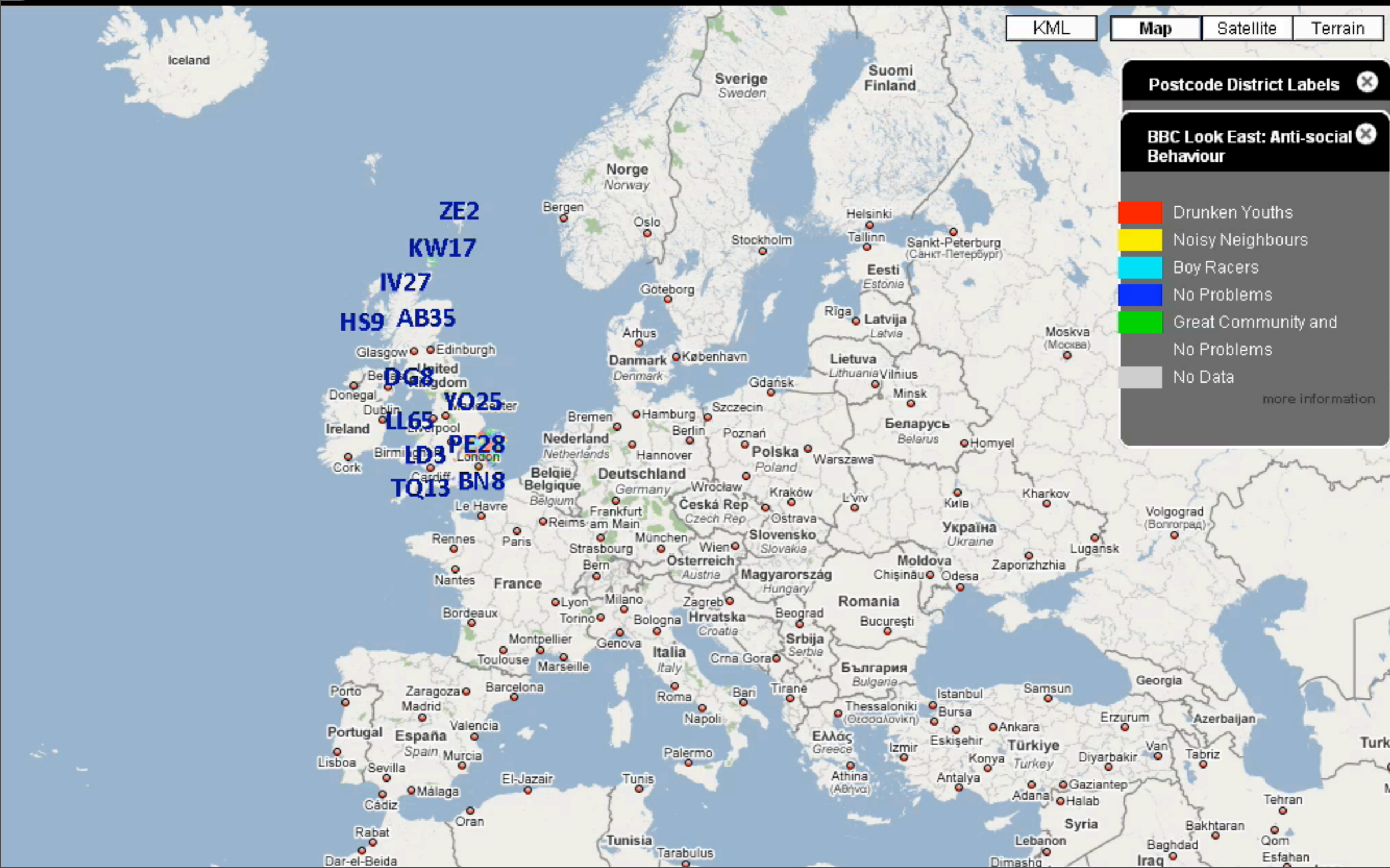
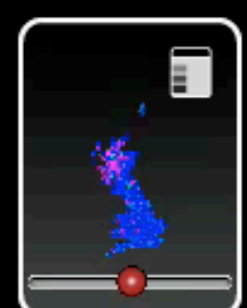


KML **Map** Satellite Terrain

Postcode District Labels

BBC Look East: Anti-social Behaviour

- Drunken Youths
 - Noisy Neighbours
 - Boy Racers
 - No Problems
 - Great Community and No Problems
 - No Data
- [more information](#)

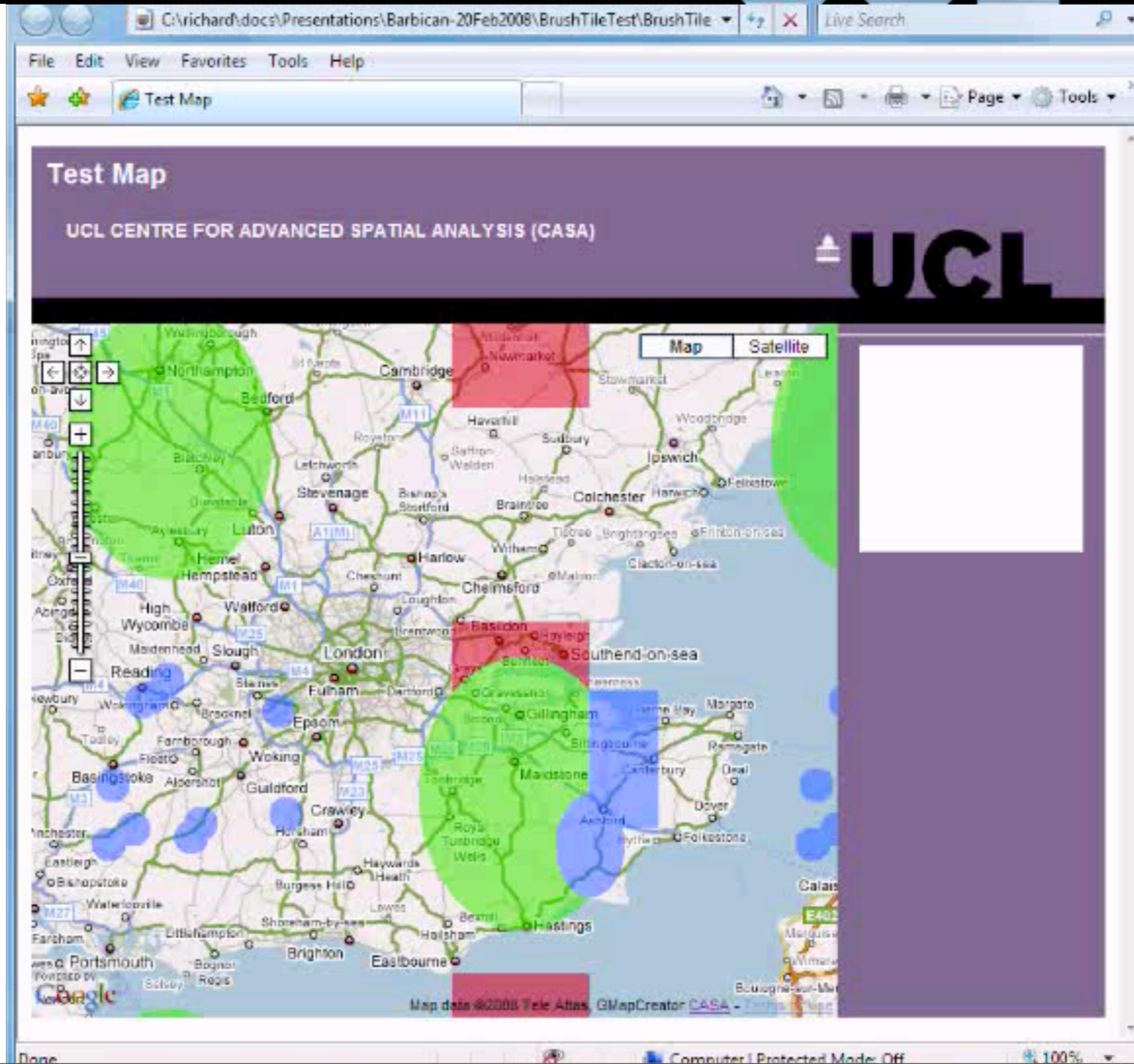


Adding Extra Functionality to GMap Creator

Mouse over (brushing) & interaction with the data.

Will be available in October.

It is not the intention of GMap Creator to be a GIS.



Visualizing the Urban Environment

Over the last decade there has been an emergence of rich fine scale digital data sources for cities.

Often we describe cities in aggregate 2D ways but contrast it more overtly physical representations in 3D to give a sense of place.

Geo-visualization of the city has been enhanced through developments of computer graphics & software.

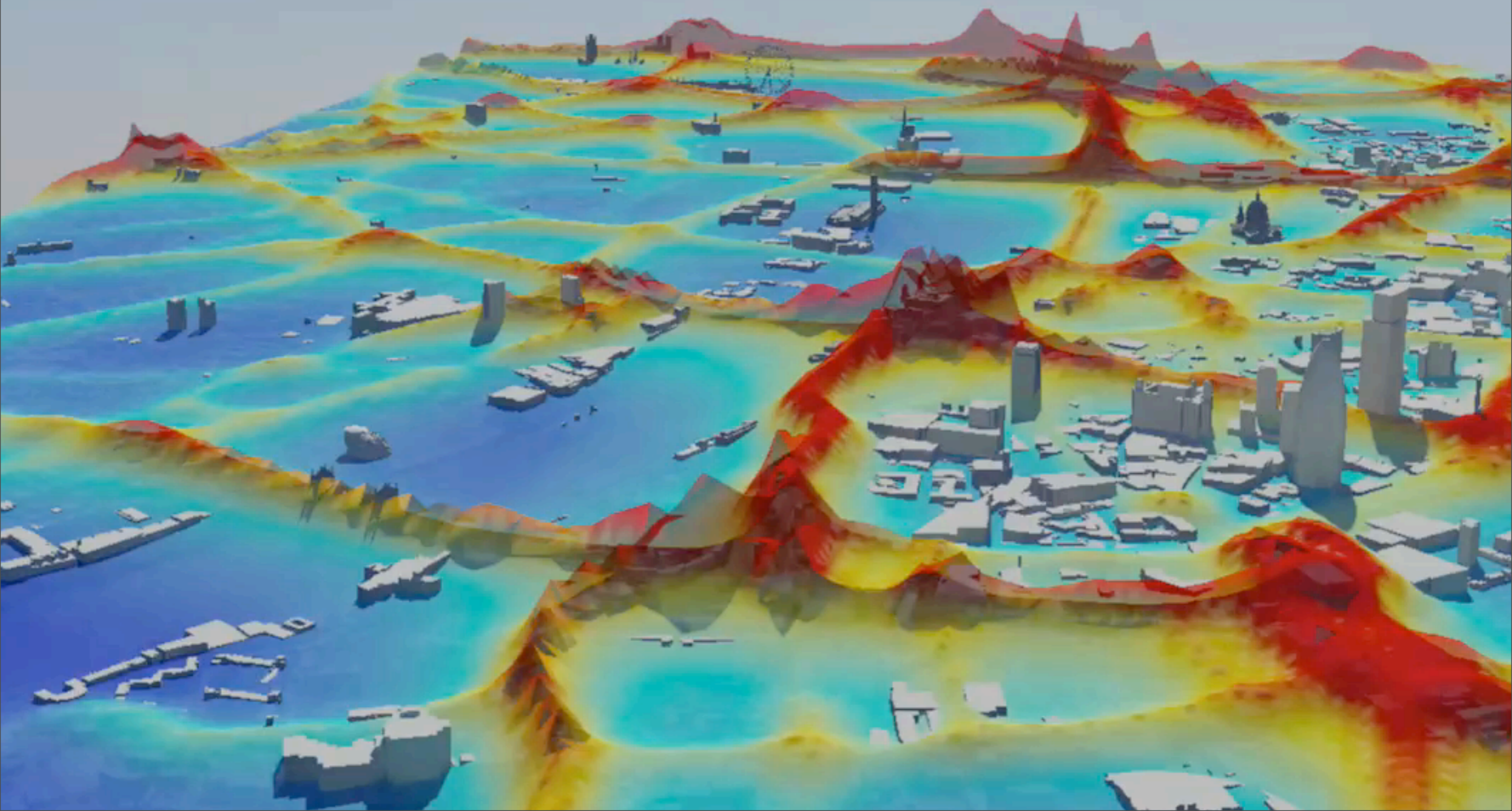
Allows one to convey complex issues to non expert users.





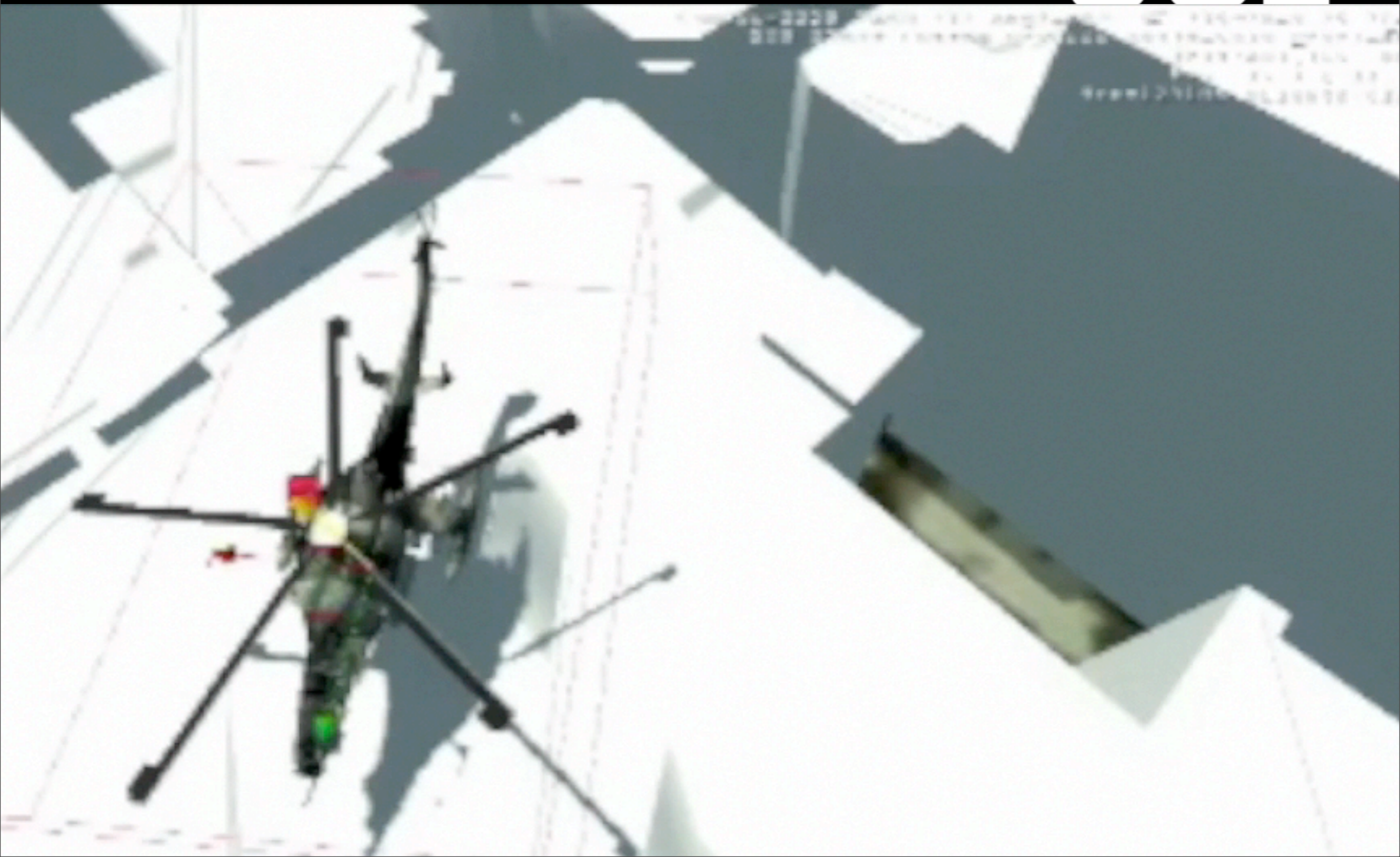
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Nitrogen Dioxide





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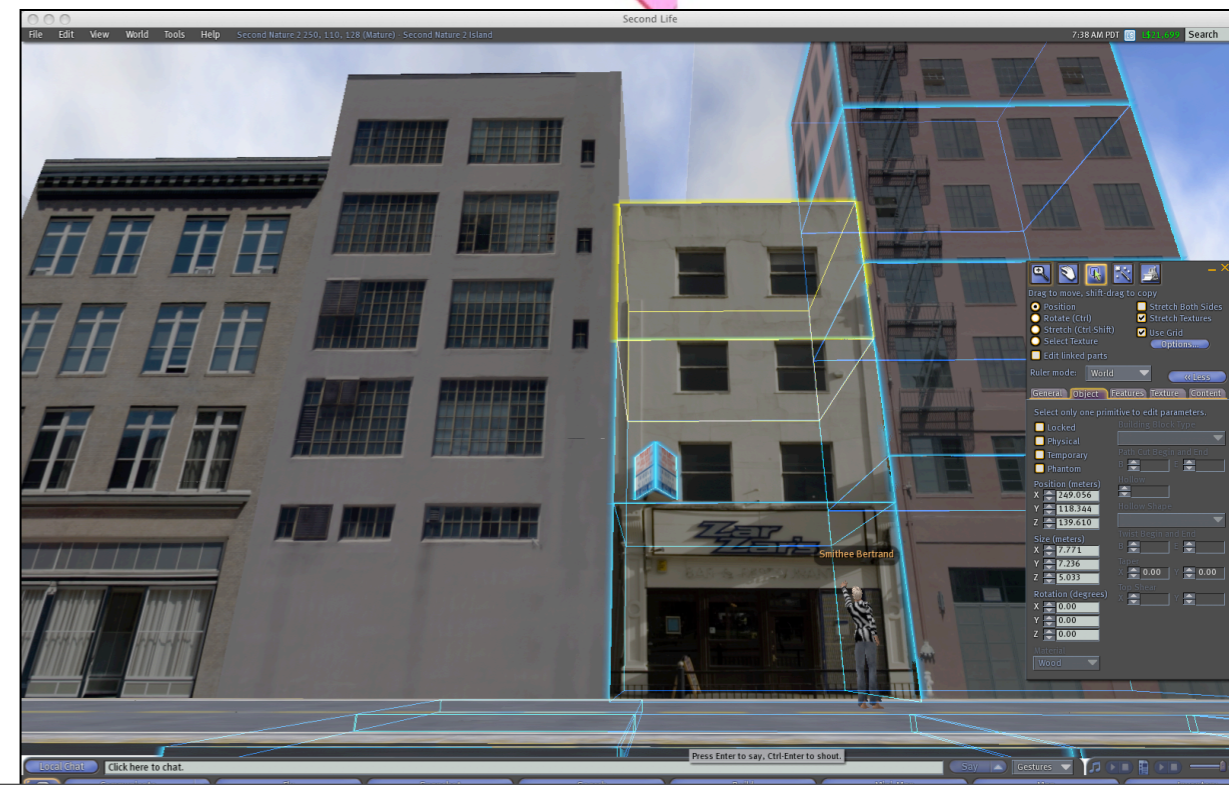
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Second Life

Combines all aspects of Web 2.0, visualization & Neogeography in a single multi-user, 3D environment.

Engages a community of users (14 million), who spend over 23,000 hours a day creating things.

We use SL as a urban laboratory, to explore issues pertaining to urban planning & public debate in a visually collaborative environment.





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Conclusion

Given an overview of some of the work pertaining to the GeoVue project.

The tools presented demonstrate:

- The ability to easily share and visualize spatial data for the non-GIS trained professional.

- Has the potential to significantly impact the outreach of Geographic Information.

- A geographic data social network has the potential to dramatically open up data sources for both the public and professional geographer.



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